

20031011.qrp v03_n070.qrl.20031011

Date: Sat, 11 Oct 2003 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3070

QRP-L Digest 3070

Topics covered in this issue include:

- 1) [159138] Antenna design needed HB for CW SS
by Chuck Adams <k7qo@commspeed.net>
- 2) [159139] Re: More BPL Bull
by "Mike Yetsko" <myetsko@insydesw.com>
- 3) [159140] WA3PTG
by "Ron Polityka" <wb3aal@verizon.net>
- 4) [159141] SW-30+ - IT'S ALIVE !!!!!!!
by Rick McKee <kc8aon@juno.com>
- 5) [159142] Re: More BPL Bull
by David Hinerman <WD8CIV@worldnet.att.net>
- 6) [159143] ZOMBIE SHUFFLE
by na5n@zianet.com
- 7) [159144] Re: end of an era
by Bruce Muscolino <w6toy@erols.com>
- 8) [159145] Re: Help with date of my first callsign
by "Lew Paceley" <lew@paceley.com>
- 9) [159146] Re: Antenna design needed HB for CW SS
by "Lee Hopper" <leehopp@msn.com>
- 10) [159147] Re: end of an era
by "john_k7fd" <john_k7fd@cablespeed.com>
- 11) [159148] Our SKs
by kenneth hoglund <hoglund@wfu.edu>
- 12) [159149] The end of an era. well maybe.
by "Jim Kelley" <nw611j@hotmail.com>
- 13) [159150] 40 M beam for SS
by "James R. Duffey" <JamesDuffey@comcast.net>
- 14) [159151] Re: Help with date of my first callsign
by "John Paul Keon" <jpkeon@nc.rr.com>
- 15) [159152] Power transistor info ?
by Rick McKee <kc8aon@juno.com>
- 16) [159153] Re: Opinions on StepIR vertical
by William R Colbert <w5xe@juno.com>
- 17) [159154] Now Showing - The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
- 18) [159155] New DSW-II on 40 meters
by "Tony Parks" <raparks@ctcisp.com>
- 19) [159156] FOR SALE - OPTIVISOR

- by "NORM KLIEMAN" <k9nk@msn.com>
- 20) [159157] Re: Power transistor info ?
by Ed Tanton <n4xy@earthlink.net>
- 21) [159158] Re: Power transistor info ?
by "Leon Heller" <leon_heller@hotmail.com>
- 22) [159159] RE: PIC Elmer Kit - coming soon
by John R Kirby <n3aaz-qrp@juno.com>
- 23) [159160] Re: The end of an era. well maybe.
by Lee Mairs <lmairs@direcway.com>
- 24) [159161] Re: ZOMBIE SHUFFLE
by Rick McKee <kc8aon@juno.com>
- 25) [159162] Re: end of an era
by Rick McKee <kc8aon@juno.com>
- 26) [159163] Re: The end of an era. well maybe.
by David Hinerman <WD8CIV@worldnet.att.net>
- 27) [159164] Re: end of an era
by David Hinerman <WD8CIV@worldnet.att.net>
- 28) [159165] 40M DX out there too!
by David Gauding <david.gauding@bbs.galilei.com>
- 29) [159166] Re: The end of an era. well maybe.
by Rick McKee <kc8aon@juno.com>
- 30) [159167] Re: end of an era
by Donald E Sanders <w4bws@juno.com>
- 31) [159168] RE: end of an era
by Tom Severt <n2uhc@yahoo.com>
- 32) [159169] CW Contest Today at 1700Z
by "john_k7fd" <john_k7fd@cablespeed.com>
- 33) [159170] WTB: Tube Transmitter/VFO
by "Alan Fryer" <N3BJ@hotmail.com>
- 34) [159171] Re: Power transistor info ?
by "DTX" <dtx@wood.tzo.com>
- 35) [159172] Re: end of an era
by Bruce Muscolino <w6toy@erols.com>
- 36) [159173] Re: end of an era
by Bruce Muscolino <w6toy@erols.com>
- 37) [159174] Re: end of an era
by Tim Groat <tcgroat@earthlink.net>
- 38) [159175] Antenna question
by Vin Santis <vsantis@earthlink.net>
- 39) [159176] Re: PIC Elmer Kit - coming soon
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 40) [159177] Re: How to upgrade Win 98 - Follow-up
by w9ya <w9ya@arrl.net>
- 41) [159178] Re: end of an era
by Bob Nielsen <nielsen@oz.net>
- 42) [159179] Re: 40 M beam for SS
by William R Colbert <w5xe@juno.com>
- 43) [159180] 15 is wide open

by Karl Larsen <k5di@zianet.com>
44) [159181] Re: end of an era
by Bruce Muscolino <w6toy@erols.com>
45) [159182] Re: The end of an era. well maybe.
by Jimmy Lee <jrlaudio@bellsouth.net>
46) [159183] Re: Antena question
by Karl Larsen <k5di@zianet.com>
47) [159184] 42IF123 IF transformers and the SW-20+
by Chuck Adams <k7qo@commspeed.net>
48) [159185] RE: end of an era
by Adam Farson <farson@shaw.ca>
49) [159186] Re: DDS Experimenter's kit (Trevor, KG6CYN, design)
by "steve" <swells244@bellsouth.net>
50) [159187] Double extended slinky ????
by "R Mason" <lostmessages@comcast.net>
51) [159188] Re: Power transistor info-REDEAUX
by Ed Tanton <n4xy@earthlink.net>
52) [159189] QRP Radio by Russian
by "Oleg V. Borodin" <master72@lipetsk.ru>
53) [159190] Re: Double extended slinky ????
by Dave Fouchey <dafouchey@comcast.net>
54) [159191] Re: Double extended slinky ????
by Bud Rogers <budr@netride.net>
55) [159192] Re: QRP Radio by Russian
by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
56) [159193] BLT
by "john gabbard" <johngabbard@usintouch.com>
57) [159194] RE: Power transistor info ?
by "Ray Goff" <radioham@gmx.co.uk>

Date: Fri, 10 Oct 2003 23:27:12 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [159138] Antenna design needed HB for CW SS
Message-ID: <5.2.1.1.0.20031010232240.01d99e20@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

It's getting close again to the annual trek to WY and the cold country for November ARRL CW SS weekend.

This year I'd like to have a two element homebrew 40m beam (with traps so that I'll be able to rotate it with the Armstrong

method). Any help greatly appreciated. It doesn't need great great specs, just a little gain and some side rejection.

Home Depot OTS parts a help.

I can get it to 20' above ground or ice....

Any one got a field day type two element beam they use with some success. Less than 10lbs a great help. Last year it was so cold there was no wind (-15F) but you never know in WY (central part of the state).

TIA,

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Fri, 10 Oct 2003 18:24:41 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <johngabbard@usintouch.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159139] Re: More BPL Bull
Message-ID: <002401c38f7d\$5089d4c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 'meter reading' might be short range 'on demand' stuff. Not live internet or BPL. We have that here with Gas and Water. Devices attach to the meters that do nothing but 'listen'. When they are interrogated, they respond with a data packet.

The utilities drive around in special vans to read the meters, and don't even have to get out and walk to the meter.

These have been shown to save a LOT of money. Less errors, and one meter reader can do the job of many before.

What's funny, is that I have a 'high tech' meter, and it has to be read manually. I don't even have dials. I have an LCD screen that shows my power usage at different times of the day, since I have 'demand side servicing'. I pay different rates at different times. The house has energy storage devices. The meter reader has to come up and 'plug in' to my meter to read it.

Mike

Date: Fri, 10 Oct 2003 19:30:43 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159140] WA3PTG
Message-ID: <00d701c38f86\$86523530\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Today I received an e-mail from Jon, AA1K.

Unfortunately it was bad news about Harry, WA3PTG, becoming a Silent Key.

I worked Harry on 40 meters a few times and we had good chats. I will never forget the time we ran across Rte 1 from the Atlanticon Hotel when it was in Philadelphia just to grab a bite to eat.

Below is the e-mail I received.

72 Harry Thanks for the QSO's. . . . WA3PTG de WB3AAL . . sk

Ron,

I believe Harry (Hal) Hurst WA3PTG was a member of your QRP group; I see he had a bio posted on your web site. Sad to report he was killed in an auto accident in Milltown, Del., on Wednesday. I worked with him at The News Journal, where he was a computer specialist, since the 1980s. He often told me about the QRP rigs he was building. Great guy, sad to see him go.

Please relay this to any QRP groups you feel appropriate. I think he was in

the SNJ club too.

Here is his obituary from today's paper and a link to the original news story:

Harry T. Hurst

Age 54 passed away Wednesday, October 8, 2003.

Mr. Hurst was a computer technician with The News Journal for 34 years. He was an active member of the Bear Community Church and a known ham radio operator.

Harry is survived by his wife, Eilene C. (Logan) Hurst; son, Andrew L. Hurst; and daughter, Jennifer M. Hurst, all of Wilmington; daughter, Amy L. Krishnamoorthy of San Jose, CA; and his father, John Hurst; and 1 brother, Edward Hurst, both of Wilmington.

The funeral service will be held 10:45 am Saturday, October 11 at the MECCRERY MEMORIAL CHAPEL, Kirkwood Hwy. & Duncan Rd., where friends may call after 10 am. A graveside service will be held 2:30 pm in the Crumpton Cemetery in Crumpton, MD.

Please omit flowers. Instead, the family suggests contributions in Harry's name to the Bear Community Church, 3310 Wrangle Hill Rd., Suite 6, Bear, DE 19701.

To send condolences, visit
www.mccreryfuneralhome.com
302-478-2204

<http://www.delawareonline.com/newsjournal/local/2003/10/09fatalcrashwiths.html>

73/Jon AA1K
Felton, Delaware

Date: Fri, 10 Oct 2003 19:37:53 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [159141] SW-30+ - IT'S ALIVE !!!!!!!
Message-ID: <20031010.193758.9534.0.kc8aon@juno.com>

Gang,

Just finished building and aligning the SW-30+, and boy is that little critter sensitive ! It's perking along at a comfortable 2 watts, and signals are

clear with very little noise. It covers 10.100 mhz to 10.135 mhz - just where I wanted it ! And when I tune to 10.110 mhz (Flying Pig Freq), the pointer on my vfo knob points straight up making it easy to find !

Now, I'm gonna rest for a while and visit with the xyl a little (been soldering most of the day), and then maybe make a couple of qso's before bedtime !

Isn't there some sort of unwritten law that states that you must build something else if there's solder left on the roll after completing a project ? Oh well, guess that's why I'm still waiting on the Norcal Keyer kit !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW when I'm dead ! MAYBE ! didididadidah

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 10 Oct 2003 20:18:11 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [159142] Re: More BPL Bull
Message-ID: <5.1.1.6.1.20031010200355.00b18408@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>The 'meter reading' might be short range 'on demand' stuff. Not live
>internet or BPL. We have that here with Gas and Water. Devices
>attach to the meters that do nothing but 'listen'. When they are
>interrogated, they respond with a data packet.
>
>The utilities drive around in special vans to read the meters, and don't
>even have to get out and walk to the meter.
>
>These have been shown to save a LOT of money. Less errors, and
>one meter reader can do the job of many before.

Mike,

There are a number of remote meter reading technologies - some use powerline carrier (low data rate, not BPL), some use RF, some use cellular. Some even use your home phone line. In some areas they do save the utility money, in others they don't. That guy walking around with the notebook is actually pretty cheap to feed compared to the cost of deploying the automated stuff, especially for residential meters.

I don't know if they still do it, but American Electric Power used to send tones over their power lines to control various pieces of equipment. We were experimenting with piezoelectric cooling fans, and if one was plugged in and running it would play the tones at the top of the hour. They were in the audible range, sounded like a few hundred to a couple thousand Hertz.

>What's funny, is that I have a 'high tech' meter, and it has to be read
>manually. I don't even have dials. I have an LCD screen that shows
>my power usage at different times of the day, since I have 'demand
>side servicing'. I pay different rates at different times.

My condolences. (Grin) At work we call that "time of use" metering.

Out of professional curiosity, can I ask what brand of meter and display that is? And also the power company's name?

Dave

Dave Hinerman
WD8CIV@att.net

Date: Fri, 10 Oct 2003 18:30:13 -0600
From: na5n@zianet.com
To: qrp-1@lehigh.edu
Cc: jmedley@ix.netcom.com
Subject: [159143] ZOMBIE SHUFFLE
Message-ID: <20031011003013.121.qmail@klaatu.zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

With a very heavy work load and company travel, it has been a very difficult past few months with hardly anytime for qrp. But I do see the light at the end of the tunnel. Of course, that may not be a good thing ... you only hear from those who saw the light and got to come back :-) Being away from email for a week or so at a time, you come back to thousands of

emails from qrp-1 and spammers that makes it almost impossible to keep up with things. Hopefully I'll have the time shortly to get more involved again.

The ZOMBIE SHUFFLE:

Unfortunately, the Chief Witchess of Zombies, Jan N0QT, had a health set back a bit ago that has seriously restricted her mobility. She has asked me to post the following information on her behalf.

The ZOMBIE SHUFFLE will be held this year on saturday evening, Nov. 1, 2003. It is held from local sundown to local midnight.

The date of the shuffle is always the friday evening closest to Halloween. In the event Halloween falls on a friday, like this year, it is held the following day (saturday) to not interfere with those with Halloween plans.

Complete rules for the ZOMBIE SHUFFLE will be posted shortly. Basically, it is an informal "get on the air" and have some goofy fun type of contest. The majority of ones score is based more on serendipity, rather than your operating skills, code speed, antenna, etc. Exchange is either your Zombie Number, or your telephone area code. Your score is basically adding up all the zombie/area code numbers from the stations worked. It's usually a pretty big number! Thus your score is based more on luck or serendipity of working an "808" vs. a "110."

You also get 666 bonus points for working Elvis. Each year, Jan sets up about a dozen stations who send the name Elvis in lieu of their own, and of course gives you an additional 666 points.

Jan has asked me to help line up the Elvis stations this year. Since I will be gone most of next week again on another lame business trip, I don't have the time to email back and forth to arrange the Elvis stations. So let's make it easy and fun.

WANTED ... ELVIS'

If you would like to be an Elvis station, please email me and let me know. Please put "ELVIS" at the beginning of the Subject so I can find them easily. The Zombie Shuffle is held from local sundown (defined as 6pm for the shuffle) to local midnight. The only qualification to be an Elvis station is the desire to actually show up and use your special prestige on the air for at least 2-3 hours. This gives plenty of folks a chance to work you. If you're a YL/XYL, you can be an Elvira. If you got some other special angle appropriate for the ZOMBIE SHUFFLE, like you're one of Elvis' missing sons, a real zombie, UFO abductee time traveler parallel universe dude or something, let me know. Bribes accepted. I'm easy.

Elvis stations are not identified until after the Zombie Shuffle to prevent cheating in this otherwise serious as heck event!

I will be out of email contact for most of next week due to travel. I'll respond to everyone before I leave tuesday morning, and when I return. Any other goofy ideas for the Zombie Shuffle and/or scoring gimmicks accepted. Except no more bonus points for prime numbers. That one took weeks to score! Dr. Megacycle and Chuck Adams may know the prime numbers between 1 and 999 in their head, but few of the rest of us do -hi. (Actually, I did think that was kinda fun).

Jan will post the official rules for the ZOMBIE SHUFFLE by next weekend and a website somewhere. Thanks for your help, and this will be a help to Jan as well until she gets back on her feet.

72, Paul NA5N
Grand Zombie #004

and Jan N0QT
Grand Zombie #013

Date: Fri, 10 Oct 2003 20:32:05 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159144] Re: end of an era
Message-ID: <3F874F85.F9B453D4@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am truly sorry to see any small business go. In particular I am sad to see 73 go under, but it was to be expected. Wayne was getting older and had no apparent successor. Wayne made many contributions to ham radio through the years and was always faithful to his philosophy. I will always remember him and treasure the QSL he sent for a QSO with me as PA3AIC.

73

Date: Fri, 10 Oct 2003 19:51:57 -0500
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159145] Re: Help with date of my first callsign

Message-ID: <002501c38f91\$e22f81e0\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Speaking of original license dates, I got a great surprise about a year ago when my mom came to visit the family in Austin. She brought my meager collection of DX QSLs from my early ham days, still hanging in the plastic card holder they were stored in at home in Alabama. I now have possession of my very first DX QSL from Diego, C03DB, dated Feb. 20, 1969 on 40m CW when I was WN4LEM. I was 12 years old. Pretty darn neat, for me at least :-).

Check those old shoe boxes, you never know what you might find. And good luck in your search!

72/73,
Lew
N5ZE

Date: Fri, 10 Oct 2003 18:45:01 -0700
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>,
<k7qo@commspeed.net>
Subject: [159146] Re: Antenna design needed HB for CW SS
Message-ID: <BAY4-DAV818Tcj4PPRE00001721@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Chuck -

What would you think of the Buddipole? Admittedly not HB but available for around \$200 - very portable and IMHO, well-made, stronger than most. Can be set up as a horizontal dipole.

"Superior efficiency 40 through 2 meters.
Go anywhere. Do Anything.
Take the Buddipole with you."

Usual disclaimers apply - I have no financial interest, etc.

Lee Hopper, NB7F
Portland, OR

Date: Fri, 10 Oct 2003 18:48:28 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159147] Re: end of an era
Message-ID: <000c01c38f99\$c49c6d20\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Compared to the glossy politically correct QST, 73, even in its final stages of decay, was a breath of fresh air...

It will be missed!

73 John K7FD

Date: Fri, 10 Oct 2003 21:53:01 -0400
From: kenneth hoglund <hoglund@wfu.edu>
To: low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159148] Our SKs
Message-ID: <3F87627D.5030906@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

With the recent passing of Harry WA3PTG I am reminded of other fine qrp ops we have lost in recent years. It seems to me the best way we can remember their memory and honor their contribution to our hobby is by setting aside an evening when we will all get on the air and simply work other ops, perhaps recalling in a ragchew something from a past qso or past posting to QRP-L by a fondly remembered SK.

Not meaning to be sectarian, but in the Christian tradition All Saints Day (Nov.1st) is a time to recall the examples set for us by those who preceded us in the faith. Maybe we can find that a day early in November that could function as our own " All QRP Saints Day".

73

Ken KG4FGC

Date: Fri, 10 Oct 2003 22:34:19 -0400
From: "Jim Kelley" <nw611j@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [159149] The end of an era. well maybe.
Message-ID: <Law15-F66e9g4pXX50y00005a78@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Today I read that 73 magazine has stopped publishing as of the September 2003 issue and I suspect that will be the case for a while, but I will also guess that Mr. Green will find a way to continue his less than interesting volumes of fireplace fodder about "Cold Fusion" and other assorted non-amateur radio trivia. 73 Was very interesting in the early years and I was a faithful subscriber starting with Vol. 1 NO. 4 and continuing well into the 1990's. I finally gave up in about 1994 and used the funds for more tangible things for the shack. I agree with the CQ editor, it is a sad day when an amateur radio publication stops publishing, but I ask will we really miss 73, I have not for about 10 years now and I doubt that others will miss it. Also think about all those advertising dollars that will now be hopefully channeled into more visible benefits for us consumers(Yes I know I am dreaming). Fairwell 73 it has been a bumpy ride these 43 years, but wait, what is that I see on the distant horizon, could it be 73, just like the Phoenix rising out of the ashes to publish another day?

Fairwelll 73 !

73 de Jim K4YBB

Fast, faster, fastest: Upgrade to Cable or DSL today!
<https://broadband.msn.com>

Date: Fri, 10 Oct 2003 20:50:28 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [159150] 40 M beam for SS
Message-ID: <BBACCC14.E7F0%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Chuck - You might want to model that 40 M beam at 20 ft before you put considerazble effort into it. I think that you will be dissappointed. You will probably be better off by using the aluminum that you would have made the beam out of to put a dipole or inverted vee up higher.

I hear that Brian, K7RE, has Wyoming all sewed up for QRP Sweepstakes this year. He is a super operator and took SD SS QRP last year. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Fri, 10 Oct 2003 23:06:58 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Lew Paceley" <lew@paceley.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159151] Re: Help with date of my first callsign
Message-ID: <004f01c38fa4\$bc99a420\$6501a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 8bit

Don't feel like the Lone Ranger!
I did the same thing last year. Found my original log books,
and all my QSL cards from 1969 to 1991 when they got lost.
They were stored in storage and mis-marked in boxes. Also
found all my old QST's and other books.
That was when I got a logging program for my new laptop and
started entering them all in. Finally finished last week.
I also found about 250 QSL cards I had not sent out. So I
contacted the bureau and they will send them out anyway.
Better late than never. Now to get all the other QSL cards
filled out. Had to make up a new one and print them all off.
Seems like my Elmer or someone said, "The last part of a
QSO is a QSL!"
So I will send them all out, even if they are late.

John Paul, Raleigh, NC [AB4PP]//NNN UTV

<http://www.knightlites.org>

"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

----- Original Message -----

From: "Lew Paceley" <lew@paceley.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, October 10, 2003 8:51 PM

Subject: Re: Help with date of my first callsign

Speaking of original license dates, I got a great surprise about a year ago when my mom came to visit the family in Austin. She brought my meager collection of DX QSLs from my early ham days, still hanging in the plastic card holder they were stored in at home in Alabama. I now have possession of my very first DX QSL from Diego, C03DB, dated Feb. 20, 1969 on 40m CW when I was WN4LEM. I was 12 years old. Pretty darn neat, for me at least :-).

Check those old shoe boxes, you never know what you might find. And good luck in your search!

72/73,

Lew

N5ZE

Date: Fri, 10 Oct 2003 23:29:50 -0400

From: Rick McKee <kc8aon@juno.com>

To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU

Subject: [159152] Power transistor info ?

Message-ID: <20031010.232956.15542.0.kc8aon@juno.com>

Would someone please look at the schematics at:

<http://www.keirle.fsnet.co.uk/reg.htm>

And tell me if they have their NPN's and PNP's mixed up ? The positive regulator circuit has a schematic symbol for a PNP power transistor, and the negative regulator circuit has a schematic symbol for an NPN power transistor, but the text below it states completely the opposite ! What is wrong with this picture ? Which transistor goes with what regulator ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl

SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

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Date: Fri, 10 Oct 2003 21:29:55 -0600
From: William R Colbert <w5xe@juno.com>
To: dock0evz@earthlink.net, qrp-l@lehigh.edu
Subject: [159153] Re: Opinions on StepIR vertical
Message-ID: <20031010.212958.-555949.8.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Doc. I used to live at the 7500 + elevation
in Tijeras Canyon, just west of Edgewood and
I ran verticals very successfully. So, before
you get off on a wrong steer by some, it
won't hurt to try one, or two. Some are just
prejudiced against verticals. I did have mine
elevated some 5 feet above ground and the radials
were elevated as well. The verticals were in an area
where there was no foot traffic, so no problem
with people walking into the antenna field.

73 and gl

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M GQRP 6115
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Fri, 10 Oct 2003 21:38:44 -0700 (PDT)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [159154] Now Showing - The ARS Sojourner
Message-ID: <20031011043844.1240.qmail@web12101.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

The October edition of the Adventure Radio Society's monthly web magazine, The ARS Sojourner, is hot off the digital press and just a click away at:

<http://www.ARSqrp.com>

Here's a look at this month's content:

- + An FOBB Adventure, by Gary W. Killion, AB9CA/4
- + Cheap & Easy: The Mountain Topper II, by Gary Slagel, N0SXX
- + Top of the World - Activating Iowa , by Rick Clem, W0IS
- + Selections from the Bookshelf, by Richard Fisher, KI6SN
- + From Our Vantage Point, The ARS Sojourner
- + Revised Spartan Sprint Weight Rules
- + October Spartan Sprint certificates and champs: Skinny Division K0EVZ; Tubby Division K7TQ; plus results and soapbox
- + Spartan Sprint Logger, by John Huffman, NA8M
- + Spartan Sprint Logger Updater, by John Huffman, NA8M
- + The Wilderness Alerts for October 2003 (Updated 9/11/2003)
- + Looking Ahead: ARS' 2003 Calendar of On-Air Events, The ARS Sojourner
- + Who's Who and Who's New: New Members of the Adventure Radio Society, by Richard Fisher, KI6SN

On behalf of ARS webmaster Charlie Wilber, N1AOK, contest manager John Huffman, NA8M, The ARS Sojourner staff and contributing writers, we hope you enjoy this edition. As always, we appreciate your feedback and editorial contributions for coming editions.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
Riverside, CA
KI6SN@yahoo.com

Do you Yahoo!?

The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Sat, 11 Oct 2003 00:14:29 -0500
From: "Tony Parks" <raparks@ctcisp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [159155] New DSW-II on 40 meters
Message-ID: <007001c38fb6\$8cf71a10\$5d4fe940@DGN0JF31>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A DSW-II kit for 40 meters arrived in my mail today. Seven hours later it's working great with no problems in the kit build. I am running it with the power set at two watts output and getting good signal report from states 800 or 900 miles away. I am still learning how to run it efficiently but my first impressions are good - this is going to be a fun radio!

73,
Tony KB9YIG

Date: Fri, 10 Oct 2003 23:55:50 -0600
From: "NORM KLIEMAN" <k9nk@msn.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [159156] FOR SALE - OPTIVISOR
Message-ID: <BAY5-DAV61rAYNokU0Q000053a6@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE - Like New (used only once) OPTIVISOR. This is the model DA-7 which is just about the highest magnification you can get with an OPTIVISOR. It is great for kit building projects!

Price: \$35 dollars FREE shipping.

Reply to: k9nk@msn.com

73's ---- Norm K9NK

Date: Sat, 11 Oct 2003 01:59:05 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: kc8aon@juno.com, qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [159157] Re: Power transistor info ?
Message-ID: <6.0.0.22.2.20031011014620.02c3e830@pop.earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

You are CORRECT Rick... e.g. the drawings are wrong. The POS regulator's 'booster' pass transistor should be the 2N3055... while the NEG drawing should have a PNP transistor. So, the page author mislabelled his transistors when he drew the schematic. NPN/2N3055 with the POS schematic & PNP/MJ2955 with the NEG. I can send you a similar schematic or two if you like.

///
snip

>Would someone please look at the schematics at:

>

> <http://www.keirle.fsnet.co.uk/reg.htm>

>

>And tell me if they have their NPN's and PNP's mixed up ? The positive
>regulator circuit has a schematic symbol for a PNP power transistor, and
>the negative regulator circuit has a schematic symbol for an NPN power
>transistor, but the text below it states completely the opposite ! What
>is wrong with this picture ? Which transistor goes with what regulator ?

>

>72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl

>///
snip

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

ARRL Technical Specialist

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of

Congress... but I repeat myself."

--Mark Twain

Date: Sat, 11 Oct 2003 10:16:36 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kc8aon@juno.com, qrp-1@Lehigh.EDU
Subject: [159158] Re: Power transistor info ?
Message-ID: <Law15-F86k69RKLpgTF00006ebd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Rick McKee <kc8aon@juno.com>
>Reply-To: kc8aon@juno.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Power transistor info ?
>Date: Fri, 10 Oct 2003 23:29:50 -0400
>
>Would someone please look at the schematics at:
>
> <http://www.keirle.fsnet.co.uk/reg.htm>
>
>And tell me if they have their NPN's and PNP's mixed up ? The positive
>regulator circuit has a schematic symbol for a PNP power transistor, and
>the negative regulator circuit has a schematic symbol for an NPN power
>transistor, but the text below it states completely the opposite ! What
>is wrong with this picture ? Which transistor goes with what regulator ?

The diagrams are correct. The power transistors are 'outboard pass transistors' for boosting the output current from the regulator chips.

I wouldn't use those circuits myself - the pass transistors do not have any current-limiting. I'd also advise over-voltage protection if you are powering anything valuable from them.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Hotmail messages direct to your mobile phone <http://www.msn.co.uk/msnmobile>

Date: Sat, 11 Oct 2003 08:00:25 +0000
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [159159] RE: PIC Elmer Kit - coming soon
Message-ID: <20031011.080153.-357223.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"We have some terrific news for those looking to participate in the PIC Elmer series ..." >>>John WB8RCR wb8rcr@arrl.net, George N2APB n2apb@amqrp.org<<<

I call this a TOP DRAWER arrangement,
T H A N K Y O U ! !

Needless to say, I am excited
and
ready to get started.

You guys must be up to ur eh 'armpits' in alligators like me but
anything thing I can do to help?
Like . . .
build a prototype or . . .
start downloading software > > >

Maybe just a tentative time frame would help.

John
N3AAZ
00TC

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Date: Sat, 11 Oct 2003 08:13:20 -0400
From: Lee Mairs <lmairs@direcway.com>
To: nw611j@hotmail.com,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159160] Re: The end of an era. well maybe.
Message-ID: <00f801c38ff1\$131772e0\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I totally disagree with Jim. I actually enjoyed W2NSD's rants in 73 Magazine. It was quite entertaining trying to figure out if he was serious or not.
73 de Lee
KM4YY/8

----- Original Message -----

From: "Jim Kelley" <nw611j@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 10, 2003 10:34 PM
Subject: The end of an era. well maybe.

```
> Today I read that 73 magazine has stopped publishing as of the September
> 2003 issue and I suspect that will be the case for a while, but I will
also
> guess that Mr. Green will find a way to continue his less than
interesting
> volumes of fireplace fodder about "Cold Fusion" and other assorted
> non-amateur radio trivia. 73 Was very interesting in the early years and I
> was a faithful subscriber starting with Vol. 1 NO. 4
> and continuing well into the 1990's. I finally gave up in about 1994 and
> used the funds for more tangible things for the shack. I agree with the
CQ
> editor , it is a sad day when an amateur radio publication stops
publishing,
> but I ask will we really miss 73, I have not for about 10 years now and I
> doubt that others will miss it. Also think about all those advertising
> dollars that will now be hopefully channeled into more visible benefits
for
> us consumers( Yes I know I am dreaming). Fairwell 73 it has been a bumpy
> ride these 43 years, but wait, what is that I see on the distant horizon,
> could it be 73, just like the Phoenix rising out of the ashes to publish
> another day?
>
> Fairwelll 73 !                                73 de Jim K4YBB
>
>
> -----
> Fast, faster, fastest: Upgrade to Cable or DSL today!
> https://broadband.msn.com
```

>
>

Date: Sat, 11 Oct 2003 08:52:31 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [159161] Re: ZOMBIE SHUFFLE
Message-ID: <20031011.090115.10062.3.kc8aon@juno.com>

Do you keep the same Zombie number year after year ? If so, how do I go about finding mine ? I had one once, but just can't remember it !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

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Date: Sat, 11 Oct 2003 08:32:52 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [159162] Re: end of an era
Message-ID: <20031011.090115.10062.0.kc8aon@juno.com>

DRATS ! 73 goes under just as they had made me an offer for an article I had written and was going to publish it ! There goes my career as a writer ! \$*@^#\$ \$*#@^.....

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

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Date: Sat, 11 Oct 2003 09:04:46 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [159163] Re: The end of an era. well maybe.
Message-ID: <5.1.1.6.1.20031011090141.00b379f0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

> will we really miss 73, I have not for about 10 years now and I doubt
> that others will miss it.

Jim,

It's true that 73 in recent years has been less substantial than it was in
the past, but as long as it lived there was always hope.

> Also think about all those advertising dollars that will now be
> hopefully channeled into more visable benefits for us consumers(Yes I
> know I am dreaming). Fairwell 73 it has been a bumpy ride these 43 years,
> but wait, what is that I see on the distant horizon, could it be 73, just
> like the Phoenix rising out of the ashes to publish another day?

Now that's a good point! Thanks!

Dave

Dave Hinerman
WD8CIV@att.net

Date: Sat, 11 Oct 2003 09:00:18 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [159164] Re: end of an era
Message-ID: <5.1.1.6.1.20031011085125.00b2d300@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:48 PM 10/10/2003 -0700, you wrote:

>Compared to the glossy politically correct QST, 73, even in its final stages
>of decay, was a breath of fresh air...

>

>It will be missed!

John,

That's how I feel about it. Before the Web made self-publishing so easy, 73 was where I got my quick project ideas - they'd run articles that wouldn't have made the cut for QST. At the time I liked Wayne's editorials, too. Even though I disagreed with much of what he proposed, I thought he was trying to get people to actually THINK about their own positions rather than just echo the party line.

Also, in the mid 80s a friend of mine and I started a small business to sell real-time clocks for IBM-PC compatible computers. At that time if you wanted a clock that didn't forget the time when you turned off the power, you had to install a card. We were selling a module that plugged into the BIOS ROM socket, and the ROM installed on top of it. It didn't take up a card slot. We sent new product announcements to about 20 computer and electronics magazines, and only Wayne actually printed it in his short-lived Kilobyte magazine. So I felt like I owed him a little bit for that.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Sat, 11 Oct 2003 08:05:21 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [159165] 40M DX out there too!
Message-ID: <5.1.1.6.0.20031010074106.00a22580@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning,

Friday morning - worked JA1DOT on 40M at 0926Z in a small but polite pile-up. Nice surprise for sure! Putting a take-it-or-lose-it vacation day to good use! <g>

Used a homebrew St. Louis Vest Pocket Vertical with a lightweight 3.25"

diameter St. Louis Coil over a dozen St. Louis Radials - all ribbons cut to an 8th-wave on 40M.

Started the K2 out at 1W - eased the power along until heard at 4W. It appears the low bands are picking-up too!

Last season worked 26 DX countries QRP on 40M with this backpacking antenna installed in the backyard - hoping to run that total to an even 50 by the end of this winter.

de Dave, NF0R nf0r@slacc.com

Date: Sat, 11 Oct 2003 09:12:23 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [159166] Re: The end of an era. well maybe.
Message-ID: <20031011.091408.10062.6.kc8aon@juno.com>

On Sat, 11 Oct 2003 08:13:20 -0400 Lee Mairs <lmairs@direcway.com>
writes:
>I totally disagree with Jim. I actually enjoyed W2NSD's rants in 73
>Magazine. It was quite entertaining trying to figure out if he was
>serious
>or not.
>73 de Lee
>KM4YY/8

<snip>

I agree with Lee ! I'll miss it too ! I know I've laughed at some of the articles in 73 before ! Like the one about "colloidal silver" ! But after talking to folks that have used it, well, I won't make any claims - but I'm sitting here looking at my homebrew colloidal silver generator and pure silver electrodes with gratitude ! Ya'll will have to decide yourselves how you feel about it !

THANK YOU WAYNE GREEN !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Norcal Cascade, Yaesu FT-7,

Homebrew 6V6 tube TX & Hallicrafters SW500 RX, PAC-12 Antenna
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW & QRP when I'm dead ! MAYBE ! didididadidah

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Date: Sat, 11 Oct 2003 09:04:58 -0400
From: Donald E Sanders <w4bws@juno.com>
To: w6toy@erols.com, profusion@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [159167] Re: end of an era
Message-ID: <20031011.090510.-712255.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I looked back and found December 1992 that Wayne was celebrating his 70th birthday. So he is turning 81 this December. I will long remember the many late night chats we had in Orlando and several other hamfests back in the late 60's and early 70's when he was helping to establish the FM mode on VHF. and helping many areas get their repeaters on the air. I read with facination his many world wide travels and bringing the DX stations to life as real people with pictures and commentary. He got me interested in RTTY and slowscan tv, fast scan tv and kept my interest in QRP going back in the 60's and 70's with the columns and articles in 73. Thanks to Wayne many got to read the writings of Mike Bryce, Ade, and many others. While many disagreed with his "politics" from his editorials, it has been shown over the eons that prophets and oracles were not always appreciated until after they were gone. So, to Wayne, Thanks for your many years of service to hamradio via CQ and 73. May you enjoy the years remaining and I hope you now have more time to get on the air. My W2NSD QSLs (actually 3 of them) are lonely on the wall aftrer about 15 years. NEVER SAY DIE still lives.
Don W4BWS
w4bws@juno.com

On Fri, 10 Oct 2003 20:32:05 -0400 Bruce Muscolino <w6toy@erols.com> writes:
> I am truly sorry to see any small business go. In particular I am

> sad to see 73 go under, but it was to be expected. Wayne was
> getting older and had no apparent successor. Wayne made many
> contributions to ham radio through the years and was always
> faithful to his philosophy. I will always remember him and treasure
> the QSL he sent for a QSO with me as PA3AIC.
>
> 73
>
>
>

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Date: Sat, 11 Oct 2003 06:51:14 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159168] RE: end of an era
Message-ID: <20031011135114.7963.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Adam Farson <farson@shaw.ca> wrote:
> Cool! Does one need a tinfoil hat for that? I can
> always borrow one from my
> buddy Max. <g>
>

Or you can homebrew one yourself:

<http://www.zapatopi.net/afdb/>

=====
Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Sat, 11 Oct 2003 07:28:01 -0700
From: "john_k7fd" <john_k7fd@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159169] CW Contest Today at 1700Z
Message-ID: <001401c39003\$e0286070\$3801a8c0@codeking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.fists.org/sprints.html>

Entry classes include one for QRP...73, John K7FD

Date: Sat, 11 Oct 2003 10:35:31 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159170] WTB: Tube Transmitter/VFO
Message-ID: <Law9-0E56qgzyUxXMCV000015bc@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last winter some locals here and up in my old haunts in PA got energized on getting on the air with tube transmitters on 40M and 80M. We had a blast and we'll be expanding the effort with some new ops this year. Need a couple of more transmitters/VFOs and wonder if any list member might have something laying around that is surplus and won't be getting used. Repairable OK, homebrew OK.

Please let me know.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 11 Oct 2003 07:44:25 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <leon_heller@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [159171] Re: Power transistor info ?
Message-ID: <004001c39006\$2af049e0\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, after Ed and Leon made differing observations, I had to go look for myself.

The POS current boost is drawn correctly; the NEG boost is drawn wrong, i.e. the symbol is correct but the emitter goes to the left, connecting to the unregulated power source.

2ndly, a 0.1R (as it 1/10th ohm) resistor would need 6.5 amps (more or less) flowing to get the boost transistors into conduction. I don't think the parts shown at the bottom of the page can do that.

Gary WA6DTX

----- Original Message -----

From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 11, 2003 3:16 AM
Subject: Re: Power transistor info ?

>
> >From: Rick McKee <kc8aon@juno.com>
> >Reply-To: kc8aon@juno.com
> >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> >Subject: Power transistor info ?
> >Date: Fri, 10 Oct 2003 23:29:50 -0400
> >
> >Would someone please look at the schematics at:
> >
> > <http://www.keirle.fsnet.co.uk/reg.htm>
> >
> >And tell me if they have their NPN's and PNP's mixed up ? The positive
> >regulator circuit has a schematic symbol for a PNP power transistor, and
> >the negative regulator circuit has a schematic symbol for an NPN power
> >transistor, but the text below it states completely the opposite ! What
> >is wrong with this picture ? Which transistor goes with what regulator ?
>
> The diagrams are correct. The power transistors are 'outboard pass
> transistors' for boosting the output current from the regulator chips.
>
> I wouldn't use those circuits myself - the pass transistors do not have
any

> current-limiting. I'd also advise over-voltage protection if you are
> powering anything valuable from them.
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1424 423947
> Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
>
> -----
> Hotmail messages direct to your mobile phone
<http://www.msn.co.uk/msnmobile>
>
>

Date: Sat, 11 Oct 2003 11:12:40 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Donald E Sanders <w4bws@juno.com>
Cc: profusion@aol.com, qrp-1@lehigh.edu
Subject: [159172] Re: end of an era
Message-ID: <3F881DE8.4C36A92B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A very fine tribute from one who actually lived through Wayne's glory days. Far too many of us criticize without any basis.

73 to 73.

>
> when he was helping to establish the FM mode on VHF. and
> helping many areas get their repeaters on the air. I read with
> facination his many world wide travels and bringing the DX
> stations to life as real people with pictures and commentary.
> He got me interested in RTTY and slowscan tv, fast scan tv
> and kept my interest in QRP going back in the 60's and 70's
> with the columns and articles in 73. Thanks to Wayne many
> got to read the writings of Mike Bryce, Ade, and many others.

Date: Sat, 11 Oct 2003 11:24:17 -0400
From: Bruce Muscolino <w6toy@erols.com>

To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159173] Re: end of an era
Message-ID: <3F8820A1.C66E2594@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Something a lot of folks don't know is that Wayne sold the original 73 to Byte magazine and became editor of that journal. He lost it in a very messy divorce battle. He then bought 73 back from Byte ownership with his own money. He also published Kilobyte and Micro 80 computer magazines. They helped many learn about their personal computers back when computers were actually used for computing!

73

Date: Sat, 11 Oct 2003 08:11:38 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [159174] Re: end of an era
Message-ID: <5.1.1.6.2.20031011075356.00a62d60@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Byte's decline and fall marked the end of another era. That was the era of hands-on computer hobbyists, people who took pride in knowing "what makes it tick". As PCs became a consumer product, the PC magazine market changed with it. Byte changed too, but stayed closer to its PC hobbyist roots than the newcomers. These glossy "user" magazines had no place for Circuit Cellar, Chaos Manor, programming tutorials, and detailed description of the original Mac architecture. Eventually the mass market won the newsstand battles, and the hobbyists retreated to their niche web sites and mailing lists. Draw your own parallels to home-brew radio, QRP, and the state of ham radio generally.

0x48,

--Tim (KR0U)

>William R Colbert <w5xe@juno.com>:
>
>...His BYTE magazine didn't last
>anywhere close to that.

Date: Sat, 11 Oct 2003 11:35:50 -0400
From: Vin Santis <vsantis@earthlink.net>
To: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [159175] Antena question
Message-ID: <01C38FEB.E32D7700.vsan@earthlink.net>

HI all,

Because of space limitations I need to replace my current antenna. I'm considering an 88' doublet, but have some questions. I would plan to run 450 ohm line to within 20' of the ATU using RG-8X to the ATU. My question is at the point of changing from the 450 ohm line to coax is the use of a 1:1 current balun (W2DU) appropriate or should it be a 4:1 current balun?

Thanks,

Vince Santis, N1VS
Winsted, CT
vsantis@earthlink.net

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.524 / Virus Database: 321 - Release Date: 10/6/03

Date: Sat, 11 Oct 2003 11:49:37 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, nkennedy@tcainternet.com
Subject: [159176] Re: PIC Elmer Kit - coming soon
Message-ID: <3F87EE51.29039.11E46DC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Where is the PIC Elmer series happening? I have repeatedly asked to be added to the list and never heard anything.

Henry

On 9 Oct 2003 at 20:23, Nick Kennedy wrote:

```
> Fantastic!
>
> Thanks AmQRP and George and John.  Can't wait.
>
> Time to melt some ... I mean burn some bits .... whatever.
>
> 72--Nick, WA5BDU
>
> ----- Original Message -----
> From: "George Heron N2APB" <n2apb@clearviewcatv.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, October 08, 2003 9:45 PM
> Subject: PIC Elmer Kit - coming soon
>
>
> > Hi Folks -
> >
> > We have some terrific news for those looking to participate in the
> > PIC
> > Elmer
> > series ... the AmQRP Club is working behind the scenes for John
> > McDonough WB8RCR to produce an inexpensive and quite useful "PIC
> > Elmer Kit" for the students.
> >
> >
>
>
```

Date: Sat, 11 Oct 2003 10:56:02 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159177] Re: How to upgrade Win 98 - Follow-up
Message-ID: <200310111056.02588.w9ya@arrl.net>
MIME-Version: 1.0
Content-Disposition: inline
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Tom and the gang;

The quick answer: Yeah, unless you backed them up.

The answer for next time: My clients that ordered Win98 got a second partition set up and their "My Documents" folder set to store on this second partition. I also encouraged them to store their data from other programs there. (Oddly some programs just won't work that way.)

Additionally their cd-rom drive was also forced to the "G:" drive id. That way I could add a second hard drive for backup purposes. That way backing up the "data" (D: drive) could be done easily so that any re-installs that mistakenly over-wrote the second partition could be resolved.

Observation: I have given up wondering why this kind of setup isn't default in the M\$ world as it is old hat in the *nix world. In fact ALL the (li)nux distros do this kind of setup thing (more or less) as default. Even without a separate partition, as a standing rule, all data is stored in a /home/<user> area and can be backup up easy as pie.

Anyways, vy 72;

Bob
w9ya

On Saturday 11 October 2003 10:26 am, you wrote:

> As a follow-up to this. If I were to fully install the new OS - wouldn't I
> loose all of my data? e.g. address books, and all the stuff in the various
> registries??

> Tom
> WB2QDG
>
>

> -----Original Message-----

> From: w9ya <w9ya@arrl.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Wednesday, October 08, 2003 10:48 AM
> Subject: Re: How to upgrade Win 98

>
> >Now this is an interesting and IMHO right-on response.

> >

> >Adding my 2 cents worth.

> >

> >I am a M\$ reseller, and at technical meetings M\$ freely warns it's OEM's
> that

>

> >upgrading is not a recommended procedure. M\$ *strongly* suggests that one
> >should do new installs for complete "operability".

> >
> >i.e.....The "...experts..." at M\$ agree with your experts Steve.
> >
> >One other comment; there is a special key code for doing the SE upgrade,
>
> which
>
> >is both different from either the non-SE and SE keys AND doesn't always
>
> work
>
> >properly anyways.
> >
> >I guess a new install is best.
> >
> >72;
> >
> >Bob
> >w9ya
> >
> >On Wednesday 08 October 2003 09:01 am, Steve.Lawrence@ITWFEG.COM wrote:
> >> Bill,
> >> In spite of the pain, I would advise a format and re-install. Windows
> >> 9x suffers from "rot" - a gradual deterioration in performance and
> >> stability over time. This phenomenon is mostly caused by:
> >>
> >> 1.) Unmanaged .DLL files written into the operating system areas as a
> >> result of software installs (and subsequently not removed cleanly in
> >> de-installs).
> >>
> >> 2.) Accumulation of stuff in the Registry -- again as the result of
> >> software installs and unclean de-installs.
> >>
> >> Some "experts" believe a format/reload of Windows 9x systems about every
>
> 6
>
> >> months is the only cure. I've done it yearly on my 9x systems, and have
> >> always seen a dramatic improvement in stability and performance as a
> >> result. (Windows XP is much better in this respect.)
> >>
> >> Second, upgrades don't always get you the benefit of the newer version.
> >> Decisions made by the upgrade process result in a hybrid of new and old.
> >> The resulting stability is a compromise.
> >>
> >> GL,
> >> Steve
> >> aa8af

> >>
> >>
> >>
> >>
> >>
> >> "Bill Jones" <kd7s@psnw.com>
> >> Sent by: owner-qrp-l@Lehigh.EDU
> >> 10/07/2003 09:22 PM
> >> Please respond to "Bill Jones"
> >>
> >> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> >> cc:
> >> Subject: How to upgrade Win 98
> >>
> >>
> >> I have an older laptop with Windows 98 on it which works well just as it
> >> is
> >> except for one thing MPLAB software requires Win98 Second Edition.
>
> No
>
> >> problem I have a valid Win 98 SE CD. But when I attempt to install
> >> it
> >> over the original Win 98 version I get an error message saying I can't
> >> upgrade with this CD. I am reluctant to format the hard drive in the
> >> laptop
> >> and start from scratch. Anybody have any suggestions?
> >>
> >> AND NO, I'M NOT GOING TO SWITCH TO LINUX!
> >> =====
> >> Bill Jones KD7S <><
> >> <http://www.psnw.com/~kd7s>
> >> Sanger, California
> >> =====

Date: Sat, 11 Oct 2003 09:37:25 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159178] Re: end of an era
Message-ID: <20031011163725.GA1257@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

One thing a lot of the younger hams don't realize is that before the

existence of 73, Wayne was the editor of CQ. When he left to form his own publishing company, CQ went downhill fast IMHO (although it did recover somewhat eventually).

Bob, N7XY

Date: Sat, 11 Oct 2003 10:46:44 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [159179] Re: 40 M beam for SS
Message-ID: <20031011.105138.-7403305.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck, altho it is not homebrew, you could use 4 hamstick elements, with the dipole adapter for each set, on a short boom, and if the horizontal action is not really that good, rotate the beam into the vertical mode. Small and transportable.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M GQRP 6115
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sat, 11 Oct 2003 11:20:03 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [159180] 15 is wide open
Message-ID: <Pine.LNX.4.44.0310111118560.4687-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Get fired up on 15 meters. It is wide open and Europe is 579 in NM. It's now 1700x.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 11 Oct 2003 13:10:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: tcgroat@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159181] Re: end of an era
Message-ID: <3F883977.4FAFC8A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ham radio actually preceded the rise of the consumer user. Look at the decline in substantial construction articles around 1975. Things like ATU's , keyers, and power supplies replaced receivers, transmitters, and transceivers.

73

> Byte's decline and fall marked the end of another era. That was the era of
> hands-on computer hobbyists, people who took pride in knowing "what makes
> it tick". As PCs became a consumer product, the PC magazine market changed
> with it. Byte changed too, but stayed closer to its PC hobbyist roots than
> the newcomers. These glossy "user" magazines had no place for Circuit
> Cellar, Chaos Manor, programming tutorials, and detailed description of the
> original Mac architecture. Eventually the mass market won the newsstand
> battles, and the hobbyists retreated to their niche web sites and mailing
> lists. Draw your own parallels to home-brew radio, QRP, and the state of
> ham radio generally.
>
> 0x48,
>
> --Tim (KR0U)
>
> >William R Colbert <w5xe@juno.com>:
> >
> >...His BYTE magazine didn't last
> >anywhere close to that.

Date: Sat, 11 Oct 2003 13:14:50 -0400
From: Jimmy Lee <jrllaudio@bellsouth.net>
To: lmairs@direcway.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159182] Re: The end of an era. well maybe.
Message-ID: <3F883A89.8716F288@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found nothing interesting or entertaining in 73
Jimmy Lee, AE4DT

Lee Marisa wrote:

> I totally disagree with Jim. I actually enjoyed W2NSD's rants in 73
> Magazine. It was quite entertaining trying to figure out if he was serious
> or not.
> 73 de Lee
> KM4YY/8
>
> ----- Original Message -----
> From: "Jim Kelley" <nw611j@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Friday, October 10, 2003 10:34 PM
> Subject: The end of an era. well maybe.
>
> > Today I read that 73 magazine has stopped publishing as of the September
> > 2003 issue and I suspect that will be the case for a while, but I will
> also
> > guess that Mr. Green will fiind a way to continue his less than
> interesting
> > volumes of fireplace fodder about "Co;ld Fusion" and other assorted
> > non-amateur radio trivia. 73 Was very interesting in the early years and I
> > was a faithful subscriber starting with Vol. 1 NO. 4
> > and continuing well into the 1990's. I finally gave up in about 1994 and
> > used the funds for more tangeable things for the shack. I agree with the
> CQ
> > editor , it is a sad day when an amateur radio publication stops
> publishing,
> > but I ask will we really miss 73, I have not for about 10 years now and I
> > doubt that others will miss it. Also think about all those advertising
> > dollars that will now be hopefully channeled into more visable benefits
> for
> > us consumers(Yes I know I am dreaming). Fairwell 73 it has been a bumpy
> > ride these 43 years, but wait, what is that I see on the distant horizon,
> > could it be 73, just like the Phoenix rising out of the ashes to publish
> > another day?
> >
> > Fairwelll 73 !
> > 73 de Jim K4YBB
> >

> > -----
> > Fast, faster, fastest: Upgrade to Cable or DSL today!
> > <https://broadband.msn.com>
> >
> >

Date: Sat, 11 Oct 2003 11:25:41 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: Vin Santis <vsantis@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159183] Re: Antena question
Message-ID: <Pine.LNX.4.44.0310111123520.4687-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 11 Oct 2003, Vin Santis wrote:

> HI all,
>
> Because of space limitations I need to replace my current antenna. I'm
> considering an 88' doublet, but have some questions. I would plan to run
> 450 ohm line to within 20' of the ATU using RG-8X to the ATu. My question
> is at the point of changing from the 450 ohm line to coax is the use
> of a 1:1 current balun (W2DU) appropriate or should it be a 4:1 current
> balun?

Hi Vince, either will work fine. All you need to do is change
from balanced to unbalanced line. The impedance will be handled by your
tuner.

> Thanks,
>
> Vince Santis, N1VS
> Winsted, CT
> vsantis@earthlink.net
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.524 / Virus Database: 321 - Release Date: 10/6/03
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 11 Oct 2003 18:29:26 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [159184] 42IF123 IF transformers and the SW-20+
Message-ID: <5.2.1.1.0.20031011182500.01dab3c8@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Well, after being away from the workbench for some time I decided yesterday to build a SW-20+ that I had ordered from Dave Benson, K1SWL, at Small Wonder Labs.

I was surprised that when I got the installation of the 42IF123, the capacitor had already been removed. Well after looking even closer it looked to me that the cap had never been installed. I just went out to Mouser's web page and they show no such critter without the cap.

Now either Dave has a special source for these transformers or he has discovered some magical secret technique for removing them without trace. Inquiring minds wanna know.

I now have to go out in the garage and build a case and finish it (should take about an hour) and then it's on the air for the rest of the weekend. See if the vee-beam still works.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Sat, 11 Oct 2003 10:34:10 -0700
From: Adam Farson <farson@shaw.ca>
To: n2uhc@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [159185] RE: end of an era
Message-ID: <BLEKJMCJB0EAAIECDNNCIEONHCAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

What I failed to mention is that Max is of a mammalian, but non-human species.

<http://www.qsl.net/ab4oj/max/max.html>

Cheers for now, 73,
Adam VA70J/AB40J

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Tom Severt
Sent: Saturday, October 11, 2003 06:51
To: Low Power Amateur Radio Discussion
Subject: RE: end of an era

--- Adam Farson <farson@shaw.ca> wrote:
> Cool! Does one need a tinfoil hat for that? I can
> always borrow one from my
> buddy Max. <g>
>

Or you can homebrew one yourself:

<http://www.zapatopi.net/afdb/>

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Date: Sat, 11 Oct 2003 14:00:47 -0400
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159186] Re: DDS Experimenter's kit (Trevor, KG6CYN, design)
Message-ID: <003d01c39021\$992f4bc0\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an extra AD9850 ,if anyone has an extra lcd Ill swap out.
Steve

Date: Sat, 11 Oct 2003 14:40:25 -0400
From: "R Mason" <lostmessages@comcast.net>
To: <qrp-1@lehigh.edu>
Subject: [159187] Double extended slinky ????
Message-ID: <NFBBLFFOILIDGGKFDNEBOEKGC0AA.lostmessages@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For quite a while I've traveled with a collection of hamstick dipoles. They can usually be set up in most motel rooms. However, carrying a gun case (it makes a nice case for 2 sets of hamsticks) across a motel lobby, however weird that may look, is nothing compared to trying to get it onto an airplane (added to the fact that there is always a parachute in my checked baggage).

Therefore, I'm looking for a new option for a motel room antenna system. I've seen the Cliffdwellers II (2 slinky keys with insulators and a connector in a dipole configuration) on ebay a lot. Other than the fact that it seems morally wrong to try to feed something like that with unbalanced line (as it is designed to be.... S0-239... etc.), does anyone have any comments on the thing?

Bob WB8CAC
<http://www.qsl.net/wb8cac>

Date: Sat, 11 Oct 2003 14:42:22 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: Rick McKee <kc8aon@juno.com>, qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [159188] Re: Power transistor info-REDEAUX
Message-ID: <6.0.0.22.2.20031011120603.03f07810@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My bad mostly Rick. I can only plead that it was late (note the time of the post.) Most of what follows is from Motorola's fine Voltage Regulator Handbook, with some from "Regulated Power Supplies" by Irving Gottlieb. You can use either NPN or PNP series pass elements for a power supply. They are driven differently, depending on what they are, and where they are in the circuit. The idea is you have to have the correct polarity currents for the transistor type. Here's the deal.

Case 1. (POS Voltage, PNP transistor.) The original diagram is CORRECT for a PNP (MJ2955) transistor placed where it is, with R1 where it is. The regulator supplies base current to the pass transistor, with the resistor that's across the transistor's base/emitter serving to route the regulator's bias current. Without it, regulation would be lost at low currents. The resistor must be low enough to prevent Q2 from being turned on when that bias current is flowing through the resistor. Bottom line: at low currents, there isn't enough current through R1 to cut on Q2, and the regulator performs all the regulation. As the current increases, the voltage drop across R1 increases, driving Q1 into conduction more and more, causing it to share the load. Ultimately, the regulator carries about 1/3 to 1/2 amp in my power supplies, with the transistor (or transistor carrying the rest.)

Case 2. (POS Voltage, NPN transistor.) What I find is the USUAL circuit configuration. For this circuit, you will have (most frequently) a 723 (instead of a 3-terminal regulator-I believe because the 723-with it's current-sense input, allows better regulation. But you can do it with a 3-terminal regulator and an NPN transistor. Here Q1 acts as a current amplifier, driven by the regulator. It is THIS case that has the emitter resistor you mentioned. More or less brute-force limiting of max current throughput by Q1.

Case 3. (NEG Voltage) I'm on shakier ground here simply because I've never actually built any of these-and hence have not ever played around with one. The Motorola book shows that for an NPN (2N3055) transistor, you would come in the emitter with a voltage that-as the unregulated INPUT voltage-is ultimately more negative than the voltage at the base of Q1/input to the regulator. I could not find ONE single example with an NPN transistor used in the configuration this one is in (e.g. IN the collector) ... and just

looking at the usual directions of things, I don't see doing it this way. However, Q1 IS turned on as more current passes through R1 and the regulator. I simulated it in Multisim, and could never get full output voltage with any sort of current at all going through a load. I used 2 paralleled 2N2222A's in Multisim (I had never noticed it doesn't have power transistors, but in a quick look didn't find any) but that didn't matter when I redid it for the last part of this-then I used only one 2N4401.

Next, I simulated it in the SAME circuit except using a PNP transistor with the emitter as the INPUT side, and the collector as the output. WHAMMO! With a 2.4 ohm load and a 5V regulator, 2.4A at 5.1 volts (LM7905 reg and single 2N4402-which would have smoked instantly in the real world) with a 2.4 ohm load.

Finally, I returned to the original configuration, and tried it with emitter and collector of the NPN transistor REVERSED (e.g. NPN, emitter to NEG Voltage IN.) Nope. Didn't care. Some voltage at the output, but certainly not 5V. I might build one the author's way, and see what it does in the real world, but for the next week I'm pretty much tied up.

Did this make any sense? I think I got it right THIS time, and apologize for the error.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of

Congress... but I repeat myself."

--Mark Twain

Date: Sat, 11 Oct 2003 22:01:05 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: G-QRP <gqrp@yahooogroups.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [159189] QRP Radio by Russian
Message-ID: <386710743.20031011220105@lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Friends!

I'd like to make the small dictionary to use by HAMS who want to speak Russian. It would be a little booklet with audio-cassete. You can read frequently used phrases with English transcription and listen to them through the tape recorder. There will be not only phrases used at QSOs, but also Russian titles of radio-components, units, equipments, antennas and other things which use QRPers. In main trend of the dictionary will be in QRP.

Now, I can't say sure about price, because I don't know how many quantity of dictionaries will ordered. Let me know, please, who interested for this device? I think it would be not more than \$20 include mail expenditures.

Be healthy! - "Bo0dte zdorovY"!
See you later! - "Eshy0 uvIdemsya"!

Wish you all the best!
72! de RV3GM Oleg V. Borodin
RU-QRP Club <http://ruqrp.narod.ru>

=== In QRP We Trust! ===

Date: Sat, 11 Oct 2003 15:22:14 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: lostmessages@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159190] Re: Double extended slinky ????

Message-ID: <6.0.0.22.2.20031011152120.01eac540@mail.comcast.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Um Bob? Do I want to ask WHY you carry a parachute? You the next D.B. Cooper with radio?

Dave
WA4EMR

At 02:40 PM 10/11/2003, R Mason wrote:

>For quite a while I've traveled with a collection of hamstick dipoles. They
>can usually be set up in most motel rooms. However, carrying a gun case
>(it makes a nice case for 2 sets of hamsticks) across a motel lobby,
>however weird that may look, is nothing compared to trying to get it onto an
>airplane (added to the fact that there is always a parachute in my checked
>baggage).

>

>Therefore, I'm looking for a new option for a motel room antenna system.
>I've seen the Cliffdweller II (2 slinkys with insulators and a connector
>in a dipole configuration) on ebay a lot. Other than the fact that it
>seems morally wrong to try to feed something like that with unbalanced line
>(as it is designed to be.... 50-239... etc.), does anyone have any
>comments on the thing?

>

>Bob WB8CAC
><http://www.qsl.net/wb8cac>

Date: Sat, 11 Oct 2003 14:24:51 -0500
From: Bud Rogers <budr@netride.net>
To: qrp-l@Lehigh.EDU
Subject: [159191] Re: Double extended slinky ???
Message-ID: <200310111424.51641.budr@netride.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 11 October 2003 13:40, R Mason wrote:

> however weird that may look, is nothing compared to trying to get it
> onto an airplane (added to the fact that there is always a parachute
> in my checked baggage).

You know, a fellow just can't help but wonder about the story that goes with that...

--

Bud Rogers <budr@netride.net> KD5SZ EM05vb

Date: Sat, 11 Oct 2003 12:45:05 -0700
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: "Oleg V. Borodin" <master72@lipetsk.ru>
Cc: <qrp-1@Lehigh.EDU>
Subject: [159192] Re: QRP Radio by Russian
Message-ID: <071c01c39030\$2c706820\$56e67d42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oleg, do you have the International Morse Code for Cyrillic characters that translate into more than one English letter. I have this problem in that I understand written Russian better than I can speak or here it. I suppose if my Daughter, her husband and family were here in 6 Land instead of Alaska I might learn Russian faster but alas they are not. Spasiba 73 de tim kg6irh.

----- Original Message -----

From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 11, 2003 11:01 AM
Subject: QRP Radio by Russian

> Dear Friends!

>

> I'd like to make the small dictionary to use by HAMs who want to speak
> Russian. It would be a little booklet with audio-cassete. You can read
> frequently used phrases with English transcription and listen to them
> through the tape recorder. There will be not only phrases used at
> QSOs, but also Russian titles of radio-components, units, equipments,
> antennas and other things which use QRPers. In main trend of the
> dictionary will be in QRP.

>

> Now, I can't say sure about price, because I don't know how many quantity
> of dictionaries will ordered. Let me know, please, who interested for this
> device? I think it would be not more than \$20 include mail expenditures.

>

> Be healthy! - "Bo0dte zdorovY"!

> See you later! - "Eshy0 uvIdemsya"!

>
> Wish you all the best!
> 72! de RV3GM Oleg V. Borodin
> RU-QRP Club <http://ruqrp.narod.ru>
>
> === In QRP We Trust! ===

Date: Sat, 11 Oct 2003 13:35:26 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159193] BLT
Message-ID: <005e01c39037\$34946f90\$78811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for another BLT (original) unbuilt kit...73's John KF70M

Date: Sat, 11 Oct 2003 22:50:12 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: <leon_heller@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159194] RE: Power transistor info ?
Message-ID: <FDEOKGEJJFNPABJIJGDDEEGGMAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This cannot be so, the negative regulators have the base-emitter junction across the voltage regulator.

No matter how you look at it, the base-emitter drop of a transistor is approx 0.7 volts...

There will be no regulation.

The transistors should have been 2N3055, but connected in the same way as the positive regulator circuits, ie emitter to the input voltage.

Ray, G4FON

```
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Leon Heller
> Sent: 11 October 2003 11:17
> To: Low Power Amateur Radio Discussion
> Subject: Re: Power transistor info ?
>
>
>
> >From: Rick McKee <kc8aon@juno.com>
> >Reply-To: kc8aon@juno.com
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Power transistor info ?
> >Date: Fri, 10 Oct 2003 23:29:50 -0400
> >
> >Would someone please look at the schematics at:
> >
> >                                     http://www.keirle.fsnet.co.uk/reg.htm
> >
> >And tell me if they have their NPN's and PNP's mixed up ? The positive
> >regulator circuit has a schematic symbol for a PNP power transistor, and
> >the negative regulator circuit has a schematic symbol for an NPN power
> >transistor, but the text below it states completely the opposite ! What
> >is wrong with this picture ? Which transistor goes with what regulator ?
>
> The diagrams are correct. The power transistors are 'outboard pass
> transistors' for boosting the output current from the regulator chips.
>
> I wouldn't use those circuits myself - the pass transistors do not have any
> current-limiting. I'd also advise over-voltage protection if you are
> powering anything valuable from them.
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1424 423947
> Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
>
>
> -----
> Hotmail messages direct to your mobile phone http://www.msn.co.uk/msnmobile
>
>
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End of QRP-L Digest 3070
